Thank you for purchasing this Factory Service Manual CD/DVD from servicemanuals4u.com.

Please check out our eBay auctions for more great deals on Factory Service Manuals:

servicemanuals4u

Dell® Latitude® XPi CD
Documentation Update

This document updates information contained in the *Dell Latitude XPi CD Reference and Troubleshooting Guide*.

Interchanging Hard-Disk Drives

CAUTION for WINDOWS 95 USERS!

The Microsoft® Windows® 95 operating system does not support the interchange of hard-disk drives between Dell Latitude XPi CD computers.

Do not interchange drives between Latitude XPi CD computers unless you also reinstall the operating system and all software applications. Interchanging hard-disk drives between computers could result in the loss of data and the corruption of the hard-disk drive.

New Microprocessor Option

The Dell Latitude XPi CD computer is now available with a 166-megahertz (MHz) Intel® Pentium® microprocessor with MMX™ technology.

Current application programs not designed specifically for MMX technology should have a slight improvement in performance when run on a system with a Pentium microprocessor with MMX technology. Software written specifically to take advantage of MMX technology (which will be labeled "Designed for Intel MMX") will have a greater improvement in performance, depending on the type of application program.

The Pentium microprocessor with MMX technology has twice the internal cache memory (32 kilobytes [KB]) as the standard Pentium microprocessor.

To see the technical specifications of the new microprocessor, search on "microprocessor specifications" in the online *Dell Latitude XPi CD User's Guide*. The online guide is in the Dell Accessories folder or program group.

The new Dell Latitude XPi CD M166ST has the following features:

- Support for 32-megabyte (MB) memory modules. With the 16 MB of standard nonremovable memory on the system board, the M166ST supports a maximum of 80 MB of system memory.

  Instructions for installing memory modules are included in memory upgrade kits.

  To see possible memory configurations for the Latitude XPi CD M166ST, search on "memory module configurations" in the online *System User's Guide*. To see the memory technical specifications, search on "memory specifications."
- A Texas Instruments PCI 1131 CardBus controller. To see the PC Card technical specifications, search on "PC Card specifications" in the online *System User's Guide*.
- A NeoMagic 2093 video controller. To see the video subsystem technical specifications, search "video specifications" in the online *System User's Guide*.
- An ESS 1887 audio controller. To see the audio subsystem technical specifications, search "audio specifications" in the online *System User's Guide*.

In all other respects, the Latitude XPi CD M166ST has the same features as the Latitude XPi CD P150ST.

Setup Program Changes

The following information updates Chapter 2, "Customizing System Features," in the *Reference and Troubleshooting Guide*.

The **UNIVERSAL CONNECT** option on Page 2 of the System Setup program functions with the Dell Latitude Ethernet Advanced Port Replicator if the computer uses the Microsoft Windows 95 operating system.

Set this category to **ENABLED** (the default) if you often use more than one Ethernet replicator and want to minimize the initialization time when you connect the replicator to the computer. When this category is set to **DISABLED**, the replicator is reinitialized each time it is connected to the computer.

The **UNIVERSAL CONNECT** option is supported by both the Latitude XPi CD M166ST and the Latitude XPi CD P150ST.

P/N 53117 May 1997

NOM 024 Information (Mexico Only)

This section updates Appendix C, “Regulatory Notices,” in the *Reference and Troubleshooting Guide*.

The following information is provided on the device(s) described in this document in compliance with the requirements of the official Mexican standards (NOM 024):

Exporter:	Dell Computer Corporation One Dell Way Round Rock, TX 78682
Importer:	Dell Computer de México, S.A. de C.V. Rio Lerma No. 302 - 4° Piso Col. Cuauhtemoc 16500 México, D.F.
Ship to:	Dell Computer de México, S.A. de C.V. al Cuidado de Kuehne & Nagel de México S. de R.I. Avenida Soles No. 55 Col. Peñon de los Baños 15520 México, D.F.
Supply voltage:	100/250 V.C.A. ±10%
Frequency:	50/60 Hz
Current consumption:	0.8/0.4 A

Información para Nom 024 (únicamente para México)

La información siguiente se proporciona en el dispositivo o en los dispositivos descritos en este documento, en cumplimiento con los requisitos de la norma oficial mexicana (Nom 024):

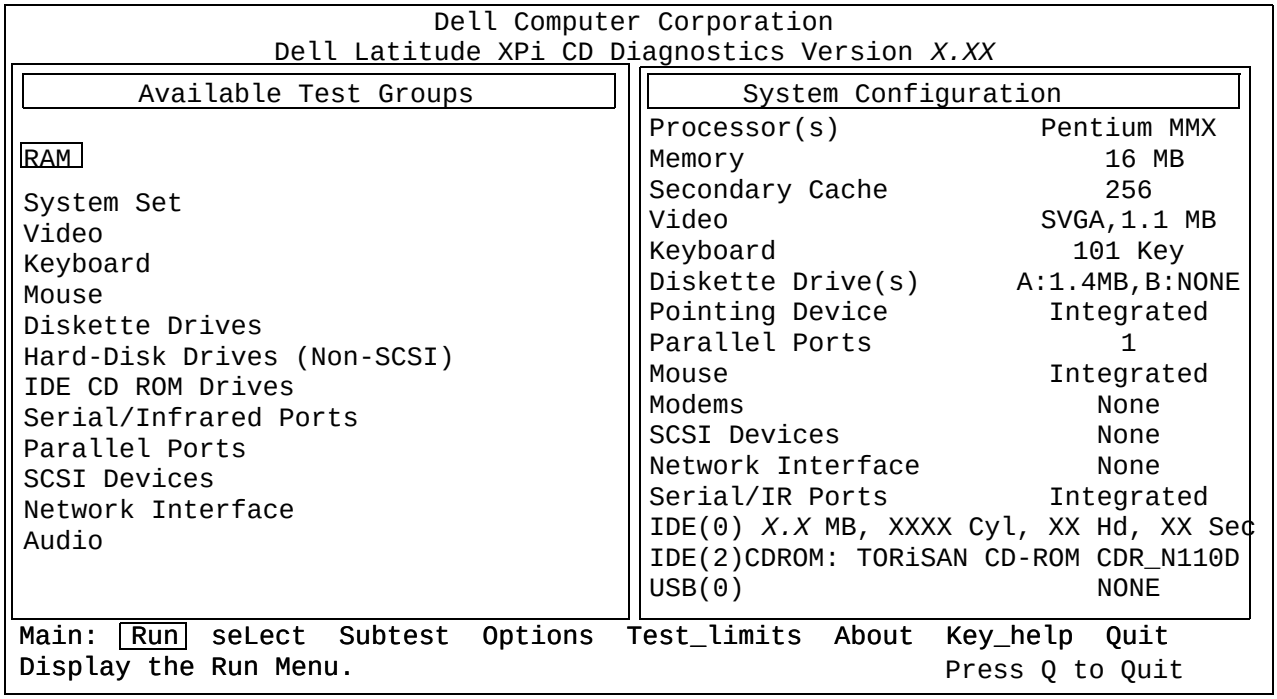
Exportador:	Dell Computer Corporation One Dell Way Round Rock, TX 78682
Importador:	Dell Computer de México, S.A. de C.V. Rio Lerma No. 302 - 4° Piso Col. Cuauhtemoc 16500 México, D.F.
Embarcar a:	Dell Computer de México, S.A. de C.V. al Cuidado de Kuehne & Nagel de México S. de R.I. Avenida Soles No. 55 Col. Peñon de los Baños 15520 México, D.F.
Tensión alimentación:	100/250 V.C.A. ±10%
Frecuencia:	50/60 Hz
Consumo de corriente:	0.8/0.4 A

Dell Diagnostics Changes

This section updates Chapter 4, “Running the Dell Diagnostics,” of the *Reference and Troubleshooting Guide*.

Main Screen

The main screen of the diagnostics (see Figure 1) has been revised to show more detail in the System Configuration area.



NOTE: The options displayed on your screen reflect the hardware configuration of the computer system.

Figure 1. Main Screen of the Dell Diagnostics

Test Limits Under Main Menu Options

In the Test Limits option, press the <PAGE DOWN> key to select the next menu or submenu in the Test Limits category. Press the <ESC> key to return to the main Test Limits menu.

USB Subtests Added

The following subtests have been added to the System Set Test Group. These subtests run only if the computer has a Universal Serial Bus (USB) connector.

- The USB Register Test checks the onboard registers of the USB interface. This subtest does not test USB peripherals.
- The USB Memory Structure Test monitors the ability of a USB controller to process a simple set of memory-resident instructions.

Getting Help

Many of the telephone numbers in Chapter 5, "Getting Help," of the *Reference and Troubleshooting Guide* have changed.

Use the most up-to-date numbers, which are in the "Calling Dell" section of the online *System User's Guide*. The *System User's Guide* is in the Dell Accessories folder or program group.

© **1997 Dell Computer Corporation. All rights reserved. Printed in the U.S.A.**
Information in this document is subject to change without notice.

Trademarks used in this text: *Dell*, the *DELL* logo, and *Latitude* are registered trademarks of Dell Computer Corporation; *Microsoft* and *Windows* are registered trademarks of Microsoft Corporation; *Intel* and *Pentium* are registered trademarks and *MMX* is a trademark of Intel Corporation. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Dell Computer Corporation disclaims any proprietary interest in trademarks and trade names other than its own.